Mvix

HD Multimedia Home Server
HDHome S4

User Manual
version HEIUBE02

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To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.
To avoid electric shock, do not open the chassis. Refer servicing to qualified personnel only.
Batteries or batteries installed device shall not be exposed to excessive heat such as sunshine, fire or the like.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interface to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient of relocate the receiving antenna,
- Increase the separation between equipment and receiver.
- Connect the equipment into an outlet on circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded network cable must be used between network hub and client in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.

Important Safety Instructions
1. Always read the safety instructions carefully.
2. Keep this user's manual for future reference.
3. Keep this equipment away from humidity.
4. Lay this equipment on a reliable flat surface before setting it up.
5. The ventilator on the enclosure is used for air convection and to prevent the equip¬ment from overheating. Do not cover the ventilator.
6. Make sure that the power voltage is within its safety range and has been adjusted properly to the value of 100~240V before connecting the equipment to the power inlet.
7. Place the power cord in a way that people are unlikely to step on it. Do not place anything on the power cord.

CAUTION:
Dangerous explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer.

This symbol indicates that the product should not be placed in city / municipal waste. Check local regulations for disposal of electronic products.

For Safety
Internal part is hazardous moving parts; please keep fingers and other body parts away.

For Power Sources
• For every change in power cord's usage, please use an approved power cord with condition greater or equal to H05VV-F, 3G, and 0.75mm.
• Do not disable the protective earth pin from the plug; the equipment must be con¬nected to an earthed mains socket-outlet.

For Placement
• For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.
• Adjustment of the volume control as well as the equalizer to other settings than the center position may increase the ear-/headphones output voltage and therefore the sound pressure level.

Notes on Disc Handling
• To keep the disc clean, handle the disc by its edge. Do not touch the surface.
• Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature may rise considerable inside the car.
• After ejection a disc from the server, store the disc in its case.
• Clean the disc with a cleaning cloth. Wipe the disc from the center out.
• Do not use solvents such as benzene, thinner, commercially available disc/lens cleaners, or anti-static spray intended for viny1 LPs.
• If you have printed the disc's label, dry the label before playing.
• Do not attach a sticker type label on the disc. The disc changer may be damaged.
• Do not insert the following unsupported discs; doing so will damage the unit or discs.

• Discs whose shapes are nonstandard- sized or nonstandard-shaped. (Card, heart, star, etc.
• Discs with a paper sticker or seals.
• Discs with a cellophane tape, or an adhesive residue of a removed label.
• Discs of non-standard thickness (thinner than 1.0mm, or thicker than 1.5mm)

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We have put in our best effort to maintain accuracy in this manual, but we may not guarantee the contents are absolutely accurate, for the specification of this product may upgrade or change over time. We reserve the right to make changes without notice.
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Notice
If you want to know more about instruction and guidance for Windows 7, please refer to http://windows.microsoft.com/en-US/windows7/help/getting-started

Introduction

Thank you for purchasing MVIX Multimedia Mini-Theater System, which will bring you full enjoyment and high performance. We have especially designed this system to become the multimedia center of your living room. With Dolby surround 5.1 channel and wireless transmission; you can get more through easier way.

Main Features

- Designed for High-speed, full HD enjoyment and style pursing.
- The central server of Home IT system.
- Audio/Video files sharing
- Compatible with most of audio and video formats.
- Built-in TV tuner with Antenna (optional)
- Blu-Ray Drive
- Support Wireless transmission
- Multi-tasking advanced solution
- Support 2/4/5.1 channel HD audio
- Compatible with versatile file formats including MP3, WMA, WAV, JPEG, MPEG-1/2/4 and DIVX with video solution for NTSC, PAL and HD up to 1080P full HD.
- Multi-tasking performance to get more done.
- Easy installation with unique thermal heat pipe valve and good noise control under 20dB.
- Chic color lighting creates atmosphere & achieve ambience within home.

Top Panel
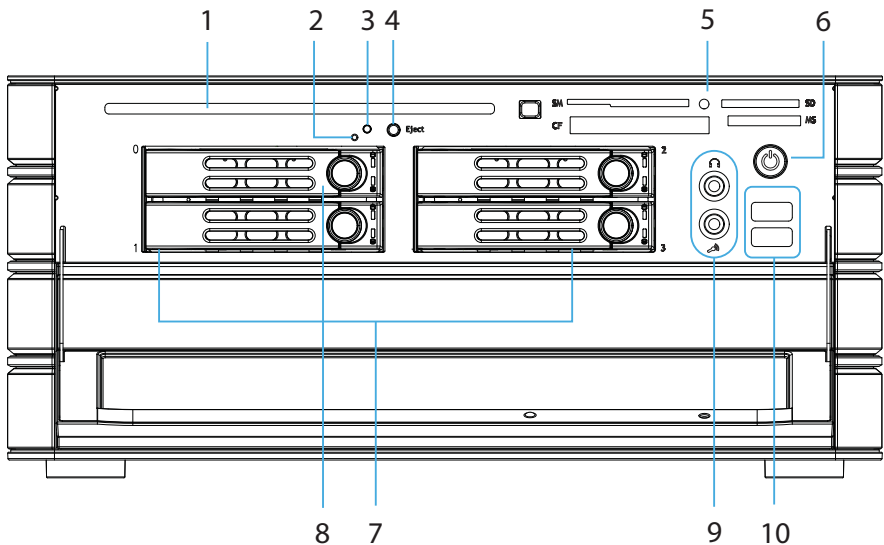
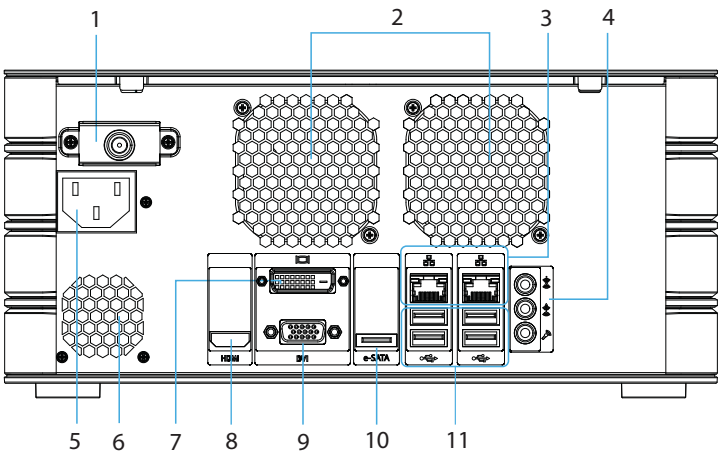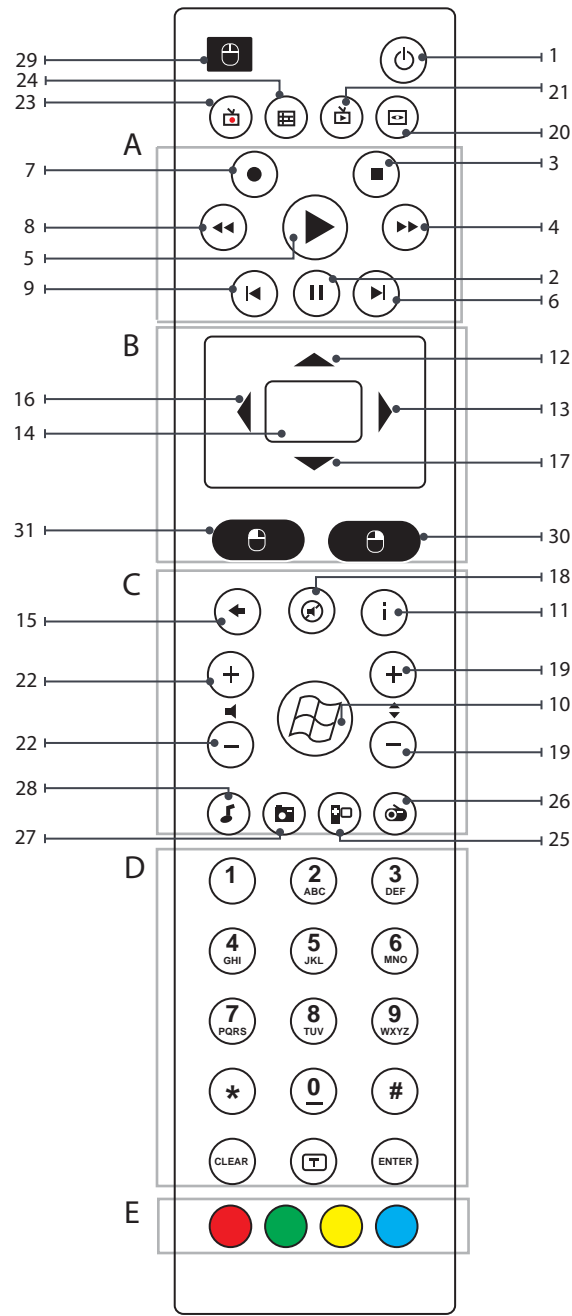| No.	Part Name	Description
1	Slot-in Optical Drive	Insert the CD or DVD disk into this slot, and it will load the contents automatically.
2	Manual-Eject Hole	When system is off, push a straightened paper clip into the manual eject hole to release the disk.
3	Optical Drive Active Indicator	It will be lit when the optical drive is active.
4	Optical Driver Eject Button	Press this button to eject the CD or DVD.
5	Card Reader	This Card Reader supports the following memory card: (1) Smart Media (SM) (2) SD/ SDHC/ MicroSD/ MiniSD/ TransFlash/ MMC (3) Compact Flash (CF) (4) Memory Stick (MS)
6	Power Button	Press this button to power on the system
7	Hot-Swap Serial ATA bays	4x2.5" SATA I/II Hot-Swap Bays (Each support 500GB, up to 2TB); Push the blue part to eject the drive.
8	System Disk	HDD_0 is the internal system disk
9	MIC-IN Jack (pink)	Plug a microphone into this jack.
	Headphone-out Jack (green)	Plug an earphone or speaker into this jack.
10	USB2.0 Ports	Connect USB devices such as keyboard, mouse or USB Flash.

Rear Panel

No.	Part Name	Description
1	TV Antenna Port	Connect antenna to this port to receive TV contents (Optional)
2	System Thermal Fans	This System Thermal Fan could lower down the temperature of the System efficiently
3	Gigabit LAN port	The Gigabit LAN port can provide 10/100/1000Mbps transmission speed
4	Audio ports	Line-in/Optical S/PDIF-out (light-blue): Connect to an analog audio source like CD/.DVD player / Connect to a Digital Decorder. Line-out (green): Plug an earphone or speaker into this jack Mic-in (pink): Plug a microphone into this jack Support High Definition Audio 5.1 channels output.
5	Power Jack	Connect Power Cord to provide power to the system.
6	Power Thermal Fan	This Power Thermal Fan could lower down the temperature of the Power efficiently.
7	DVI output	DVI port can output digital signal to the monitor
8	HDMI output	HDMI port can output digital video and audio signal to the monitor and the audio system at the same time.
9	VGA output	VGA port can output analog signal to the monitor
10	eSATA ports	eSATA port can provide 3Gbps transmission speed to the connected devices
11	USB2.0 Ports	Connect USB devices such as keyboard, mouse or USB Flash.

The remote control has five types of buttons:

The remote control has five types of buttons:

- Playback Buttons: To control your media.
- Navigation Buttons: To move between items on the screen.
- Audio-visual (AV) Buttons: To change channels and adjust volume.
- Numeric Keypad Buttons: To enter alphanumeric characters or TV channels.
- Teletext and Fastext Buttons: To access teletext functionality (if available).

No.		Part Name	Description
1	(power icon)	Power button	Press to put the computer in standby mode; press again to bring the computer out of standby mode and return to the desktop.
A. Playback Buttons			
2	(pause icon)	PAUSE	Pause the currently playing media; press again to resume.
3	(stop icon)	STOP	Stop the currently playing media. (Press PLAY to start the track again from the beginning.)
4	(fwd icon)	FWD	Speed up the currently playing media; if pressed repeatedly, cycles through three fast forward speeds from slowest to fastest.
5	(play icon)	PLAY	Play the selected song, Album, or Playlist.
6	(skip icon)	SKIP	For Album or Playlist, skip to the next song. For Recorded TV, skip ahead 29 seconds.
7	(record icon)	RECORD	Record the TV show to disk. If pressed while live TV is on, record the current show.(If pressed twice, record the series). If pressed from the Electronic Programming Guide, record a TV show or TV series to disk.
8	(rew icon)	REW	Rewind the currently playing media; if pressed repeatedly, cycles through three rewind speeds from slowest to fastest.
9	(replay icon)	REPLAY	For TV, go back five seconds. For Album or Playlist, play the previous song. For DVD, play the previous chapter.
B. Navigation Buttons: Use the navigation buttons on the remote control to move between items on the screen in Media Center.			
10	(start icon)	START	Start Media Center, or go to the Start menu if Media Center is already running.
11	(info icon)	MORE	Show information about the selected item.
12	(up icon)	UP	Move to the item above.
13	(right icon)	RIGHT	Move to the item on the right, or move from the menu to the folder items. If a slide show is playing, skip to the next picture.
14	(square icon)	OK/ Mouse Pad	Select the active item & mouse function touch pad(as the mouse button lightened)
15	(back icon)	BACK	Go to the previous screen
16	(left icon)	LEFT	Move to the item on the left, or move to the menu. IF a slide show is playing, return to the previous picture.
17	(down icon)	DOWN	Move to the item below.

C. AV Buttons: Use the AV buttons to change channels, adjust volume, access a DVD menu, or to put Media Center in standby mode. Some buttons, such as GUIDE, act as shortcuts.

No.		Part Name	Description
18		MUTE	Mute the sound. Press MUTE again to turn the sound back on.
19		CH/PG+ / CH/PG-	Change the channel
20		GUIDE	Go to the Electronic Programming Guide.
21		LIVE TV	Switch to live TV if TV is not currently playing. If TV is paused, skip to live programming.
22		VOL+ / VOL-	Adjust the volume
23		RECORDED TV	Go to the Recorded TV page
24		DVD MENU	Display the DVD menu
25		VIDEO	Go to the Video Page
26		RAIDO	Go to the Radio Page
27		PICTURE	Go to the Picture Page
28		MUSIC	Go to the Music Page
29		MOUSE	
30		MOUSE RIGHT KEY	
31		MOUSE LEFT KEY	

D. Numeric Keypad
The numeric keypad consists of numbers from 0 through 9 and two other keys: ENTER and CLEAR. You can use the numeric keypad to type alphanumeric characters anywhere in Media Center that you can enter text. If you want to delete characters you have typed, press CLEAR; press ENTER to submit the characters you have typed. You can also use the numeric keypad to enter TV channels.

E. Teletext Buttons
Media Center supports teletext when it is available. The colored Fastext buttons on the remote control for Media Center PC work much like the teletext buttons on a standard teletext-enabled TV.

The box contains accessories, padding material and Server unit. Please must operate this unit according to the following procedures.

Step 1. Checking the Accessories
The following items are supplied in the accessory pack:
(1) Power Cord x 1pcs
(2) Remote Controller x 1pcs
(3) Size AA/AAA batteries x 2pcs
(4) Driver CD with user manual x 1pcs
(5) TV Dongle with antenna x 1pcs (optional)
(6) Wireless Keyboard with Mouse x 1pcs (optional)

Note: The packing contents may vary from different area, and if you have any question about the above list, please feel free to contact your local dealers for the details. Mvix reserves the right to change or upgrade the contents for better performance.

Step2. Open the back cover
Open the back cover before inserting the connectors

Step3. Connecting to the TV or Monitor
Method 1. Connecting a TV or Monitor with an HDMI cable;
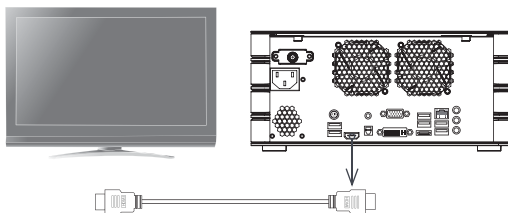
Method 2. Connecting a TV or Monitor with DVI connector cable;
Method 3. Connecting a TV or Monitor with VGA connector cable.

DVI cable

VGA cable
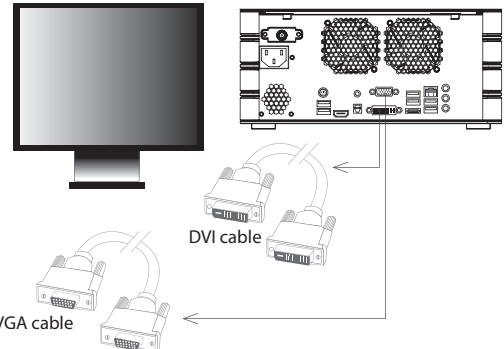
*Please see Page 16 for Various Connections.

Step 4. Network Connections
Connect a DSL modem and Media Server with Ethernet cable (as below).
(Please see Section on Network setup)

Wi-Fi

Ethernet cable

LAN/ WLAN Router
or Boardband wireless Router
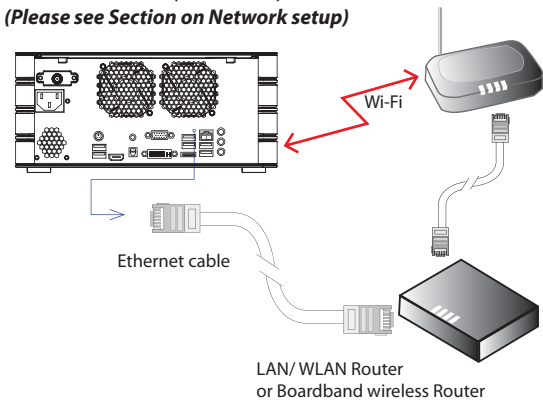
Step 5. Power Connections
Connect the supplied power cord to AC-IN terminal of the server. Then plug the server and TV or Monitor Power Cord into the AC outlet.
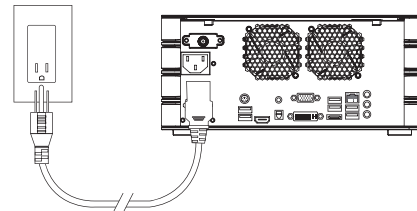
Note: The power cord type will be different as different country, please check the power cord type with your local dealer if the supplied power cord is not correct.

Step 6. Connecting to the Speaker (If your TV or Monitor is without Speaker)

Connecting the Speaker with audio cable as below:

5.1 Channels

2.1 Channels   Microphone
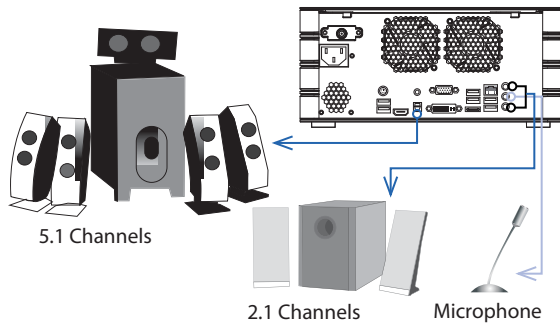
Step 7. Checking HDD

HDHome S4 has four 2.5" hard disk drivers with hot swap function. Please check if the system is installed one HDD at least on the HDD_0 position.
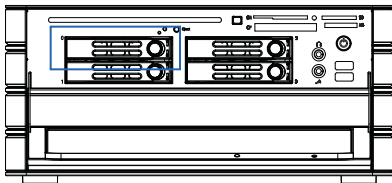
(Please see detail instruction of Hot Swap HDD Cage)

Step 8. Preparing the Remote Control
Before using the Remote Controller, please insert the batteries at the back as shown

1.   Remove the battery compartment cover by pushing on its release and lifting up.
2.   2. Insert the batteries, making sure to properly orient the positive (+) and negative (-) ends as specified by the battery compartment labels.
3.   Replace the battery compartment cover.
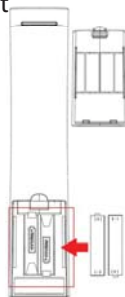
Step 9. Power On / Off the system
Once you complete to assemble the basic equipment with Media Server together, please press the Power Button ⏻ on the front of the panel to turn on the system.
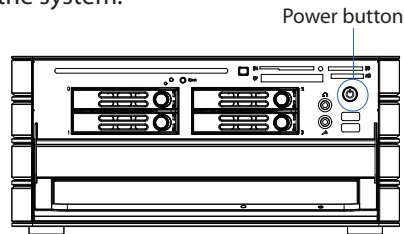
Power button

When you would like to turn off the system, please select "Shut Down" from the "Start" on the screen of OS; or press "Power Button" of Remote Controller to enter "Sleep Mode".

Power button
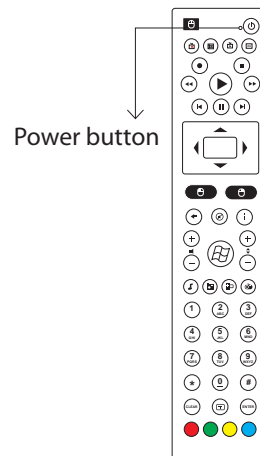
Note:
1. If you have selected S3 (BIOS) to shutdown the system and the light on the device is ON about 15~20 seconds, please WAIT until the light is off.
2. In order for the audio system to perform optimally, the S/PDIF cable length should be less than 2m. We suggest a cable with length no more than 1m.

The HDHome S4 system supports four 2.5" hard disk or solid state drives and the HDHome S2 System supports two 2.5" hard disk or Solid State Drives. You can add hard disk drives to expand your storage size as you need. Also, you can use these drives to organize RAID configuration or hot-swap hard disk drives while the system is operating.

Please follow the instructions to setup your hard disk drives:

Step1. Push the black round clip from right to left to release the drive to eject the installed hard disk drive cage.
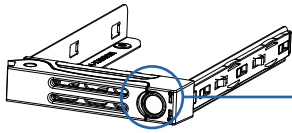
Move the black round clip from right to left.

Step2. Hold the black bar to pull the hard disk drive out from the tray.
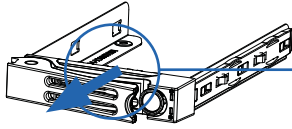
Hold the black bar to pull the hard disk

Step3. You can follow the similar way to add or remove hard disk drives. When you add or replace a hard disk drive, do the following steps to fix the drives.
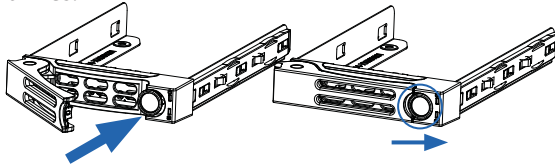
Step4. Push the hard disk drive back into the ray, press and hold the clip.

Step5. Push the black bar back to the position, then release the blue clip to fix the hard disk drive.

Inserting Discs
Step1. Press power button to turn on the server.
Step2. Place the disc into the slot-in optical drive, then the disc will be loaded automatically.
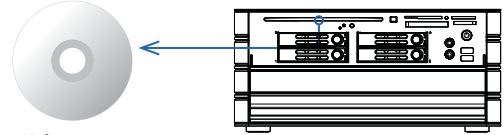
Eject Discs
Step1. Press the eject button to release disc.
Step2. Remove the disc from the optical drive.
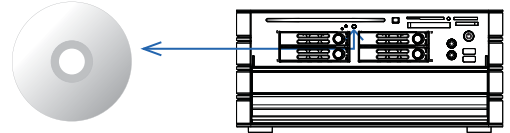
Manually Eject Discs
Step1. Make sure your system if off.
Step2. Locate the manual ejecting hole as shown in the images below.
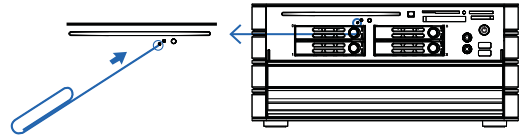
Step3. Carefully push a straightened paper clip into the manual ejecting hole and press gently to release the disc.
Caution:
1. Never remove the disc manually while your system is on.
*2. If the disc does not eject immediately, repeat the manual eject procedure until the disc is released.*

Inserting Memory Cards
Insert the memory cards as follows**.**

SM: Smart Media
CF: Compact Flash
SD: Secure Digital Card
MS: Memory Stick

(Once the Media Center is reading the memory card, LED indicator will turn yellow.)
Note::
* With a Memory Stick or an SD memory Card, push the card until clicks.
* Do not remove or insert memory cards while the Memory Stick/CF/SD/xD-Picture Card LED indicators are lighting as the cards are being accessed.
* Be sure to insert the memory card into the corresponding slot. Inserting a wrong card may cause a malfunction.

Connecting a TV (or Monitor)

Refer to the following sections for details about connection to a TV (or monitor). Selecting a video cable

HDMI Cable

HDMI is the new standard that provides both audio and video transmission through a single cable. HDMI supports resolution of 1080p with digital audio and are used for connecting to an HDTV.

Standard HDMI cables can be up to 5 meters long, but higher quality ones can be up to 15 meters long, and the length can be further increased with amplifiers.

VGA Cable
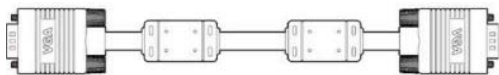
A standard VGA connector has 15-pins. VGA Cable is one of the most common video connectors for computer monitors and high-definition TVs.

DVI Cable
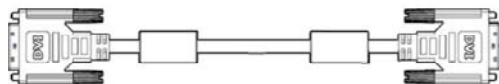
A DVI cable has 29 pins, though some connectors may have fewer pins depending on their configuration. We recommend that you select the DVI-D type for your system.

Connecting using an HDMI cable

Refer to Rear Panel Section and your HDTV direction to locate the HDMI connector. Connect your system to the HDTV as shown below.
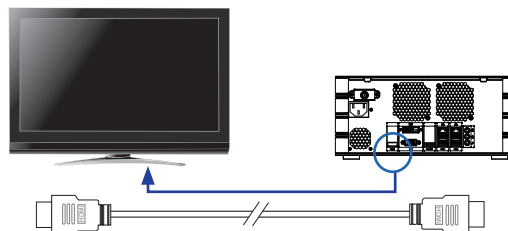
Connecting with a DVI cable

Refer to Rear Panel section and your monitor direction to locate the DVI connector. Connect your system to the monitor as shown below.
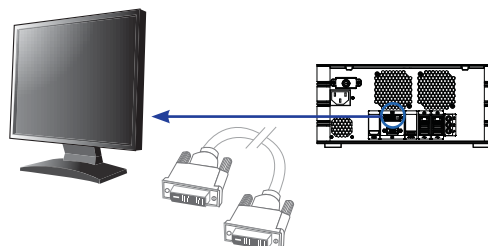
Connecting with a VGA cable

Refer to Rear Panel section and your monitor direction to locate the VGA connector. Connect your system to the monitor as shown below.
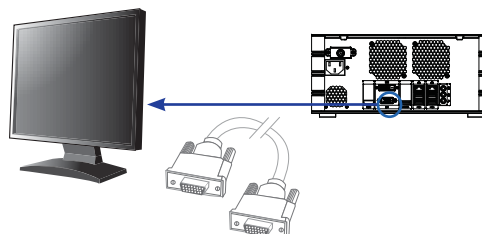
Connecting an AV Amplifier

Refer to the following sections for details about connection to an AV Amplifier (or speakers).

Selecting an audio cable

Coaxial Audio Cable: For Coaxial S/PDIF

3.5mm Stereo Audio Cable: A 3.5mm stereo audio cable lets you connect to a 2 channel speakers.

Toslink Optical Digital Audio Cable: For Optical S/PDIF Optical S/PDIF

Connecting using a Coaxial Audio Cable

Refer to Rear Panel section (page 9) and your AV Amplifier direction to locate the Coaxial S/PDIF connector. Connect your system to the AV Amplifier as shown below.
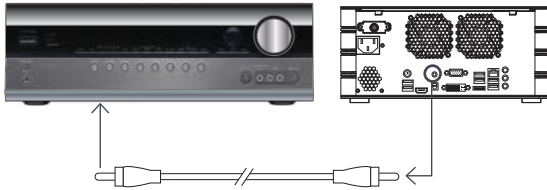
Connecting using a Toslink Optical Cable

Refer to Rear Panel section (page 9) and your AV Amplifier direction to locate the Optical S/PDIF connector. Connect your system to the AV Amplifier as shown below.
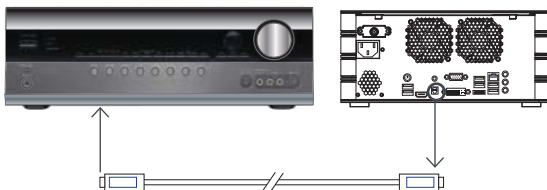
Connecting with an HDMI Cable

Refer to Rear Panel section (page 9) and your AV Amplifier direction to locate the HDMI connector. Connect your system to the AV Amplifier as shown below.
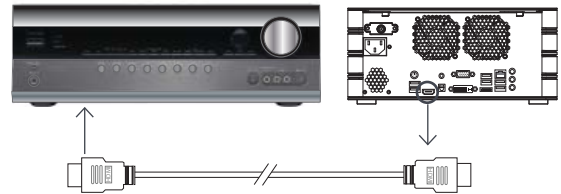
Connecting Multi-Channel Audio

Use 3.5mm stereo audio cable may need to plus a 2-RCA converter to connect to your AV Amplifier or Multi-Channel speakers.

Refer to the following diagrams for the function of each audio jack on the rear panel.

2-Channel Mode

Sterero Speaker

4-Channel Mode

Side-Surround Channels

Front channels

5-channel Mode

Side-Surround Channels

Front channels

Center/ Subwoofer Channels
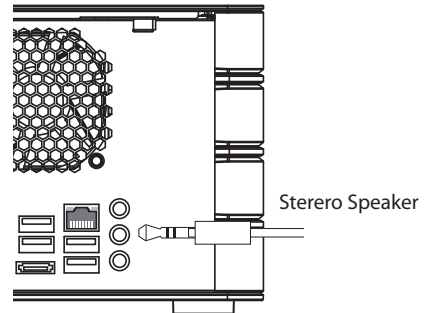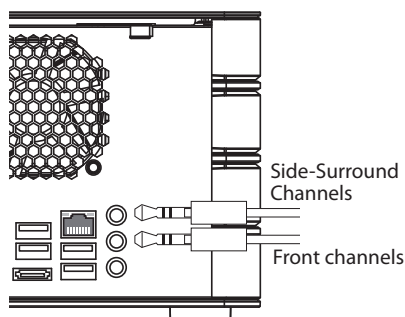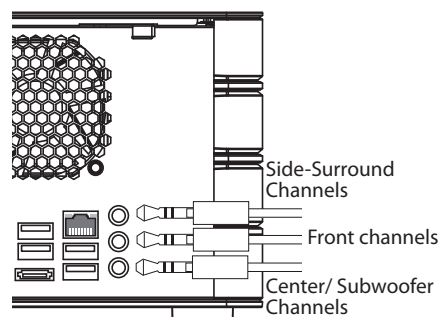
Your Mvix HDHome comes pre-loaded with Windows Media Center. Which is fully-equipped for you to enjoy Videos, Photos, and Music

Getting started with Media Center

Step 1. Setting up Windows Media Center
The first time you start Media Center, you'll see a setup page with information about various features, as well as two setup options. The quickest method is, not surprisingly, Express. You can choose this option now if you want to jump right in.
Let's walk through the Custom setup options to give you a better idea of what you can do with Media Center.

1. Using a Media Center remote, press the green Start button .
2. The first time you start Media Center, on the setup page, select Continue, and then select Custom.
3. When you reach the page titled Get the Most from Windows Media Center, select Yes to allow Media Center to download album cover art, DVD cover art, current TV guide listings, information from online media services, and other useful information.

Step 2. Optimize the display.
The Display Configuration wizard is helpful for getting the best image quality possible on your TV screen or computer monitor.

The wizard takes you through the main part of the process with a series of easy-to-understand questions. If you're unsure about the details of your hardware setup, such as the name of a cable or the type of display you have, look at the illustrations in the wizard—they can help you figure out what type of connection you're using. When you've

finished answering the questions, and you're happy with the way your display looks, exit the wizard. If you're not satisfied, you can find additional display options under Adjust display controls.

You can return to the Display Configuration wizard any time:

1. Using a Media Center remote, press the green Start button 🪟 .
2. On the Windows Media Center start screen, scroll to **Tasks**, select **Settings**, select **General**, select **Windows Media Center Setup**, and then select **Configure Your TV or Monitor**.

Step 3. Set up your speakers

If your Media Center is connected to a surround sound system, you can use the Speaker Setup wizard. Choose your speaker configuration, and then use the test feature to play a chime sound. Listen closely to each individual speaker to make sure it's receiving a signal.

You can return to the Speaker Setup wizard any time:

1. Using a Media Center remote, press the green Start button 🪟 .
2. On the Windows Media Center start screen, scroll to **Tasks**, select **Settings**, select **General**, select **Windows Media Center Setup**, and then select **Set Up Your Speakers**.

Step 4. Set up your media libraries

Each time you start Media Center, it automatically scans the Music, Pictures, and Videos libraries on your computer. But what if your music files are on an external hard drive or your pictures are on a different computer in your home group? Don't worry—Media Center has solutions.

1. In the **Media Library wizard**, select the type of media you want to add (for example, **Music**), and then select **Next**.
2. Select **Add folders to the library**, and then select **Next**.
3. Select **On this computer (includes mapped network drives)**, and then select **Next**.
4. Browse to find the folder where your files are stored, select the check box next to the folder, and then select **Next**.

Media Center will search the folder for digital media. It will also save your folder selections for the next time you start the program.

If you want to import files from a shared folder on another computer, the process is similar: Just select On another computer and Media Center will search for shared folders rather than local ones. For more information, see Add media files to Windows Media Center.

You can return to the Media Library wizard any time:

1. Using a Media Center remote, press the green Start button 🪟 .
2. On the Windows Media Center start screen,

scroll to Tasks, select Settings, and then select Media Libraries.

Step5. Configure Tuners, TV signal, and Guide
This option only appears in the Optional Setup menu if Media Center detects a TV tuner. A TV tuner is a hardware device that you can connect to your computer through an internal expansion slot or an external expansion port, such as a USB port. With a compatible TV tuner, you can connect a TV signal to your computer to use one of Media Center's best features: watching and recording TV.

The TV Setup wizard will guide you through the process of setting up a TV signal to watch and record in Media Center. When you reach the **TV Signal Detection Result** page, **select Yes**, **configure TV with these results**, and then Media Center will do most of the work for you.

When you reach the Guide wizard, you'll need to enter your ZIP Code and then select your TV service provider from a list. If you're not sure, choose the one that's closest to your area. Media Center will use this information to set up the Guide, an essential tool for watching and recording TV.

You can return to the TV Setup wizard any time:
1. Using a Media Center remote, press the green Start button .
2. On the Windows Media Center start screen, scroll to Tasks, select Settings, select General, select Windows Media Center Setup, and then select Set Up TV Signal.

For more information about setting up TV tuners, see TV on your computer: Understanding TV signals and TV tuners.

If your computer has the necessary hardware, you can use Windows Media Center to watch, pause, and rewind live and recorded TV programs on your PC.

There are two primary ways to control Media Center: with a mouse and keyboard, or with a Media Center remote control. Most of the procedures in this topic refer to the mouse and keyboard method, but the remote control method is often a more satisfactory experience.

There are many types of Media Center remote controls available to buy—make sure that the one you want is compatible with your computer.

1 Record	6 Rewind	11 Mute
2 Guide	7 Skip Backward	12 Volume Decrease
3 Channel Decrease	8 Pause and Play	13 Volume Increase
4 Channel Increase	9 Skip Forward	
5 Stop	10 Fast Forward	

1. Click the Start button , click All Programs, and then click Windows Media Center.
2. To begin watching live TV, do one of the following:
•   On the Windows Media Center start screen, scroll to TV, and then click Live TV.
•   On the Windows Media Center start screen, scroll to TV, click Guide, locate the TV show that you want to watch, and then click a show that's currently airing.
3. To control playback of live TV, move the mouse so that the playback controls appear, and then do any of the following:
•   Click the Pause button to temporarily pause the program. You can keep a program paused for about 30 minutes. When you're ready to resume the program where you left off, click the Play button .
•   Move the slider that appears above the playback controls to a different point to start watching from that point in the TV show.
•   Click the Skip Backward button or the Rewind button   to watch something again, and click the Skip Forward button or the Fast Forward button to move ahead in the program.
•   Click the Volume Increase button   or the Volume Decrease button   to increase or decrease the volume, and click the Mute button to turn the sound on or off.
•   Click the Channel Decrease button or the Channel Increase button to go down one channel or up one channel, respectively.
•   Click the Pause button , and then click the Skip Forward button repeatedly to move forward frame-by-frame.
•   Click the Pause button , and then click the Fast Forward button one, two, three, or four times to move forward at different speeds.
4. When you're finished watching live TV, move the mouse, and then click the Stop button .

Watch live TV using the Remote Control
1. To use a Media Center remote to begin watching TV, do one of the following:
•   On the remote, press the LIVE TV button.
•   Press the GUIDE button, locate the TV show that you want to watch, and then press the OK button.
2. To control playback of live TV, do any of the following:
•   Press the CH + button or the CH - button to go up one channel or down one channel, respectively.
•   Press the ENTER button to quickly go back to the last channel you were watching.
•   Press the FWD button or the SKIP button to move ahead in the program.
•   Press the REW button or the REPLAY button to watch something again.
3. When you're finished watching live TV, press the STOP button.

Find Schedules and Program Guide
1. Click the **Start** button , click *All Programs*, and then click **Windows Media Center**.
2. To find movies that are airing on TV, do one of the following:
•   On the Windows Media Center start screen, scroll to **Movies**, and then click **Movie guide**.
•   On the Windows Media Center start screen, scroll to **Movies**, click **Search**, choose a search category (such as **Movie Director**), and then enter your search criteria.

Watch Internet TV
With Internet TV in Media Center, you choose from many TV shows, movies, and music videos to watch directly from the web. All you need to watch Internet TV is an Internet connection—no TV tuner is required.

While much of the available content is free, some programs might require a subscription to a

specific service.

To watch Internet TV:

1. Click the **Start** button, click **All Programs**, and then click **Windows Media Center**.
2. On the **Windows Media Center** start screen, scroll to **Extras**, click **Internet TV**, and then browse the available content.

You can record live TV shows and movies directly onto your computer. You can even schedule a recording in advance or automatically record new episode of your favorite TV series.

To change the options for recordings, such as the recording quality or the location where recorded TV shows are stored, see **Set recording options in Windows Media Center**.

There are two primary ways to control Media Center: with a mouse and keyboard, or with a Media Center remote control. The following procedures explain the mouse and keyboard method using the playback controls that appear when you move your mouse.

① Record	⑥ Rewind	⑪ Mute
② Guide	⑦ Skip Backward	⑫ Volume Decrease
③ Channel Decrease	⑧ Pause and Play	⑬ Volume Increase
④ Channel Increase	⑨ Skip Forward	
⑤ Stop	⑩ Fast Forward	

Record a live TV show or movie

You can record a TV show or movie that's currently airing. When you do this, the show is recorded from the moment you start recording. For example, if you're halfway through watching a show before you start recording it, the recording won't include the first half.

1. Click the **Start** button, click **All Programs**, and then click **Windows Media Center**.
2. On the Windows Media Center start screen, scroll to **TV**, and then click **Live TV**.
3. While a program is airing, move the mouse so that the playback controls appear, and then click **Record**.

Schedule Recordings using the Guide

You can quickly schedule recordings while browsing the Guide for upcoming TV shows and movies. To learn how to set up the Guide, see the section in **Getting started with Windows Media Center** entitled "Configure tuners, TV signal, and Guide."

1. On the Windows Media Center start screen, scroll to **TV**, and then click **Guide**.
2. Right-click the program that you want to record, and then click **Record** to schedule a recording of the program.

Schedule Recordings using Search

You can search in Media Center to find a TV show or movie that you want to record.

1. On the Windows Media Center start screen, scroll to **TV**, and then click **Search**.
2. Click the category that you want to search by (such as Title), and then follow the instructions to start a search.
3. On the search results page, click the TV show or movie that you want to record, and then

click Record to schedule a recording of the program.

Record a TV series

Rather than schedule the recording of your favorite **TV** show every week, you can automate the process by scheduling the recording of an entire series.

1. On the Windows Media Center start screen, scroll to **TV**, and then click **Guide**.
2. Locate the TV series that you want to record, click it, and then click **Record Series**.

Play a Recorded TV program

1. On the Windows Media Center start screen, scroll to **TV**, click **Recorded TV**, and click the show you want to watch and then click **Play** or **Resume**.
2. To control the playback of a recorded TV program, move the mouse to display the playback controls, and then do any of the following:
- Click **Pause** [image] to temporarily pause the program. You'll see a time span bar that shows how much time has passed in the recording. When you're ready to resume the program where you left off, click **Play** [image].
- Move the slider that appears above the playback controls to a different point to start watching from that point in the recorded program.
- Click **Skip Backward** [image] or **Rewind** to watch something again, and click **Fast Forward** or **Skip Forward** [image] to move ahead in the program.
- Click the **Volume Increase** button [image] or the **Volume Decrease** button [image] to increase or decrease the volume, and click the Mute button to turn the sound on or off [image] .
3. When you're finished watching the recorded

program, move the mouse, and then click **Stop** [image].

Schedule Recordings on channel and time

You can set up Media Center to automatically record a specific channel at a specific time.

1. On the Windows Media Center start screen, scroll to **TV**, and then click **Recorded TV**.
2. Click **Add recording**, and then click **Channel and Time**.
3. In **Channel**, enter the channel that you want to record.
4. In **Frequency**, click the **Plus** [image] or **Minus** [image] button to specify how often you want to record the channel.
5. If you selected **Record Once** for **Frequency**, in **Date**, click the **Plus** [image] or **Minus** [image] button to specify the recording date.
6. In **Start time**, enter the time you want the recording to start.
7. In **Stop time**, enter the time you want the recording to stop.
8. Under **Keep**, click the **Plus** [image] or **Minus** [image] button to specify how long you want to keep the recorded show.
9. Click **Record**.

Schedule Recordings based on keywords

You can set up Media Center to automatically record TV shows and movies based on keywords that are associated with a program. These include an actor's name, director's name, or even a word that appears in the title.

In the future, when a TV show or movie airs that matches keywords you specified, the program will automatically record.

1. On the Windows Media Center start screen, scroll to **TV**, and then click **Recorded TV**.
2. Click **Add recording**, click **Wish List** or **Keyword**, and then click a category depending on the keyword that you want to use for recording (such as **Actor name**).

3. Type the keyword for your recording, and then do one of the following:

- Click the matching keyword you're looking for in the search results to record programs based on that keyword.
- Under **Add to wish list**, click the **Record All Shows** with button to record based on the exact word you typed. This can be useful if you didn't see the keyword you were looking for in the search results, but you want to record future programs based on that keyword.
- If you clicked the **Generic Keyword** category in step 2, click **Save** to record programs based on that keyword.

4. Click the **Plus** ➕ or **Minus** ➖ button in the different categories to modify the settings that will be used for your custom recording, click **Record**, and then click **OK**.

Add or Remove Folders that Media Center searches when it looks for Recorded TV

You can add folders for Media Center to monitor for recorded TV files. To be recognized by this version of Media Center, the files must be either Windows TV files (.wtv) or Microsoft Recorded TV files (.dvr-ms).

1. On the Windows Media Center start screen, scroll to **Tasks**, click **Settings**, click **TV**, click **Recorder**, and then click **Media Libraries**.
2. Follow the steps to add or remove locations that Media Center will search when it looks for recorded TV.

Play video and Watch pictures

To find and view a picture

If you can't find a particular picture, try changing the way Media Center groups your pictures.

1. Click the **Star**t button 🪟, click **All Programs**, and then click **Windows Media Center**.
2. On the Windows Media Center start screen, scroll to **Pictures + Videos**, and then click **Picture library**.
3. Click **Folders** to sort your folders and files alphabetically, click **Date taken** to sort folders and files by date, or click **Tags** to sort files by tags that have been applied. (To learn more about tags and how to use them, see Tag pictures so they're easier to find.)
4. Click the picture that you want to view.

View / Import Pictures or Videos from a Removable Device

If you have pictures on a removable device, such as a USB flash drive or a digital camera, you can view the pictures in Media Center or import them directly to your computer.

1. Click the **Start** button 🪟, click **All Programs**, and then click Windows Media Center.
2. If Media Center is not in full-screen mode, click the **Maximize** button 🔲 .

3. Connect your removable device to your computer. (Cameras and most other removable devices are usually connected to a USB port.)

4. In the dialog that appears, do one of the following:

- Click **Import pictures and videos**, and then follow the instructions to copy all the pictures and videos on your device to the My Pictures folder on your computer. (To see imported videos in Media Center, you'll need to manually move them to the My Videos or Public Videos folder in Windows Explorer. For more information, see Managing your videos.)

- Click **View pictures** or **View videos** to access the pictures or videos on the device without copying them to your computer.

Create a Slide Show

A slide show is a way to view a group of photos one-by-one at full screen. You can create your own slide show complete with pictures and music of your choice, and then save it for easy access later.

1. Click the **Start** button 🪟, click **All Programs**, and then click **Windows Media Center**.

2. On the **Windows Media Center** start screen, scroll to **Pictures + Videos**, and then click **Picture library**.

3. Click **Slide shows**, click **Create Slide Show**, and then follow the instructions to add pictures and music to your slide show.

4. On the **Review & Edit Slide Show page**, click **Add More** to add additional pictures and music, and when you're finished, click **Create**.

5. On the **Picture library** page, click the slide show you want to play, and then click **Play slide show**.

To play a slide show

1. On the Windows Media Center start screen, scroll to **Pictures + Videos**, and then click **Picture library**.

2. On the Picture library page, click Slide shows, click the slide show you want to play, and then click Play slide show.

3. While your slide show is playing, move the mouse to make the playback controls appear, and then do any of the following:

- Click the **Left arrow** button 🔘 or the **Right arrow** button 🔘 to go back or forward one picture in the slide show.

- Click the **Pause** button 🔘 to pause the music and the slide show.

- Click the **Skip Forward** button 🔘 or the **Skip Backward** button 🔘 to go ahead to the next song or go back to the previous song.

- Click the **Mute** button 🔘 to mute the sound.

- Click the **Volume Increase** button 🔘 or the **Volume Decrease** button 🔘 to change the volume.

- Click the **Stop** button 🔘 to stop the slide show. (The music will continue playing, but the pictures won't appear.)

Customize Setting for Slide Shows

There are many options for customizing the presentation of your slide shows. You can specify the order in which pictures are shown, the duration of the transitions, and other aspects of a slide show presentation.

1. Click the **Start** button 🪟, click All Programs, and then click **Windows Media Center**.

2. On the **Windows Media Center** start screen, scroll to **Tasks**, click **Settings**, click **Pictures**, and then click **Slide Shows**. You can customize your slide show using the options on this screen.

3. Click **Save** to save the new settings.

Rate and play your favorite pictures

You can rate individual pictures so you can keep track of your favorites, and then play a special presentation of only your favorite pictures.

1. Click the **Start** button 🔵 , click **All Programs**, and then click **Windows Media Center**.
2. On the Windows Media Center start screen, scroll to **Pictures + Videos**, and then click **Pictures library**.
3. Right-click a picture that you want to rate, and then click the Rating button (five stars in a row) multiple times until it displays the desired rating.
4. Click the green **Start** button 🟢 to return to the **Windows Media Center** start screen, scroll to **Pictures + Videos**, and then click **Play** favorites.

By default, Media Center uses ratings to determine which pictures are your favorites. To change the **Favorite Picture** settings, from the **Media Center** start screen, scroll to **Tasks**, click **Settings**, click **Pictures**, click **Favorite Pictures**, make any adjustments you like, and then click **Save**.

To find and play a video file

If you're having trouble finding a particular video file, try changing the way that Media Center groups your videos.
1. Click the **Start** button 🔵 , click **All Programs**, and then click **Windows Media Center**.
2. On the Windows Media Center start screen, scroll to **Pictures + Videos**, and then click **Video library**.
3. Click **Folders** to sort your folders and files alphabetically, or click **Date taken** to sort them by date.
4. Find the video that you want to watch, and then click the video file to play it.

FF / FR, Frame-Advance a video file
1. Click the **Start** button 🔵, click **All Programs**, and then click **Windows Media Center**.
2. On the Windows Media Center start screen, scroll to **Pictures + Videos**, and then click

Video library.
3. Find the video that you want to watch, and then click the video file to play it.
4. Click the **Pause** button ⏸ , and then do one of the following:
•   Click the **Fast Forward** button once to play the video in slow motion.
•   Click the **Fast Forward** button four times to speed up playback of the video.
•   Click the **Rewind** button one, two, three, or four times to play the video backwards at different speeds.
•   Click the **Play** button ▶ to resume playback at normal speed.

Change the Background Color on a Video

If an unchanging image stays on the screen for too long, sometimes a faint remnant of the image will stay on the screen even after a new image has replaced it. This is called screen burn. To avoid screen burn during video playback in Media Center, you can change the shade of black that might appear on the left and right or on the top and bottom of your video.
1. Click the **Start** button 🔵, click **All Programs**, and then click **Windows Media Center**.
2. On the Windows Media Center start screen, scroll to **Tasks**, click **Settings**, click **General**, and then click **Visual and Sound Effects**.
3. Under **Video background** color, click the **Plus** ➕ or **Minus** button ➖ to change the color. The default color is black—you can change it to different shades of gray, or to solid white.
4. Click **Save**.

Play a DVD

1. Click the **Start** button, click **All Programs**, and then click **Windows Media Center.**
2. If Media Center is not in full-screen mode, click the **Maximize** button.
3. Insert the DVD into a DVD drive on your computer.
4. If the main DVD title menu doesn't appear automatically, on the Media Center start screen, scroll to **Movies**, and then click **Play DVD**.
5. Click the appropriate button (this will usually be a Play button) on the DVD menu to play the DVD.
6. While your DVD is playing, you can move the mouse to make the playback controls appear. Here are some of the things you can do with these controls:
   - Click the **Skip Forward** button to skip to the next chapter on the DVD.
   - Click the **Skip Backward** button to go back to the previous chapter on the DVD.
   - Click the **Pause** button, and then click the **Fast Forward** button once to watch the DVD in slow motion. (Click the **Fast Forward** button again to watch the DVD in fast motion.)
   - Click the **Stop** button to stop playing the DVD.

Play a Blu-Ray

1. Click the **Start** button, click **All Programs**, and then click **Windows Media Center.**
2. If Media Center is not in full-screen mode, click the **Maximize** button.
3. Insert the Blu-Ray into a BD drive on your computer.
4. On the Media Center start screen, scroll to **CyberLink PowerDVD**, and then click **OK.**

5. Click the appropriate button (this will usually be a Play button) on the Blu-Ray menu to play the Blu-Ray.
6. While your Blu-Ray is playing, you can move the mouse to make the playback controls appear. Here are some of the things you can do with these controls:
   - Click the **Skip Forward** button to skip to the next chapter on the Blu-Ray.
   - Click the **Skip Backward** button to go back to the previous chapter on the Blu-Ray.
   - Click the **Pause** button, and then click the **Fast Forward** button once to watch the Blu-Ray in slow motion. (Click the **Fast Forward** button again to watch the Blu-Ray in fast motion.)
   - Click the **Stop** button to stop playing the Blu-Ray.

Change DVD playback Settings

1. On the Windows Media Center start screen, scroll to **Tasks**, click **Settings**, and then click DVD.
2. Do one of the following:

- To change the default language settings, click Language.
- To change the basic audio settings, click Audio.
- To change when subtitles appear, click Subtitle.
- To change how some buttons on a Media Center remote control behave, click Remote Control Options.

Change Blu-Ray playback Settings

1. On the Windows Media Center start screen, scroll to **CyberLink PowerDVD**, and then click OK.
2. Press the Remote Controller MORE button (i), then press the BACK button (←).
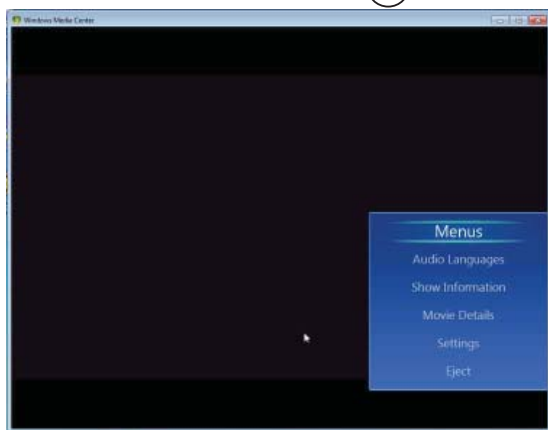
3. Do one of the following:
- To change the default language settings, click **Audio Language**.
- To change the basic settings, click **Settings**.

- To change when subtitles appear, click **Subtitle**.
- To change how some buttons on a Media Center remote control behave, click Remote Control Options.

Play an audio CD

1. Click the Start button 🌐 , click All Programs, and then click Windows Media Center.
2. If Media Center is not in full-screen mode, click the **Maximize** button 🔲 .
3. Insert an audio CD into the CD drive on your computer.
4. If the CD doesn't start playing automatically, on the Windows Media Center start screen, scroll to **Music**, click **Music library**, click **Albums**, click the CD you inserted, and then click **Play album**.
5. Here are some of the things you can do while your CD is playing:
   - Move the mouse to make the playback controls appear, and then click the **Skip Forward** button ▶| to play the next track on the CD.
   - Move the mouse to make the playback controls appear, and then click the **Skip Backward** button |◀ to go to the beginning of the track that's currently playing.
   - Click **View Song List** to view all the tracks on the CD.
   - Click **Visualize** to watch visualization while the music plays.
   - Click **Play Pictures** to start a slide show of your pictures along with the music.
   - Click **Shuffle** to play the tracks on the CD in a random order.
   - Click **Repeat** to play the CD over and over again.
   - Move the mouse to make the playback controls appear, and then click the **Stop** button 🔲 to stop playing the CD.

Play media files from a data CD, data DVD, or a removable device

1. Click the **Start** button 🌐 , click All Programs, and then click **Windows Media Center**.
2. If Media Center is not in full-screen mode, click the **Maximize** button 🔲 .
3. Do one of the following:
   • Insert the CD or DVD containing media files (such as MP3 files) into the CD or DVD drive on your computer.
   • Plug the removable device (such as a USB flash drive) into the USB port on your computer.
4. Under **What do you want to do**?, click **Play music**.

Supporting File Types

Music file types

Format	File Name Extensions
Windows Media Audio File	.asx, .wm, .wma, .wmx
Windows audio file	.wav
MP3 audio file	.mp3, .m3u
Advanced Audio Coding	.aac

Video file types

Format	File Name Extensions
Windows Media file	.wm, .asf
Windows Media Video file	.wmv
Windows video file	.avi
Windows TV file	.wtv
Microsoft Recorded TV Show file	.dvr-ms
Movie file	.mpeg, .mpg, .mpe, .m1v, mp2, .mpv2, .vob

Picture file types

Format	File Name Extensions
JPEG	.jpg, .jpeg
JPEG XR	.hdp, .wdp
TIFF	.tif, .tiff
RAW file Format	.raw
GIF	.gif
Bitmap	.bmp
Portable Network Graphics	.png

Display Settings

Change your screen resolution
1. Open Screen Resolution by clicking the **Start** button , clicking **Control Panel**, and then, under **Appearance and Personalization**, clicking **Adjust screen resolution**.
2. Click the drop-down list next to **Resolution**, move the slider to the resolution you want, and then click **Apply**.
3. Click **Keep** to use the new resolution, or click **Revert** to go back to the previous resolution.

Enlarge Screen Text

1. Open Screen Resolution by clicking the **Start** button , clicking **Control Panel**, and then, under **Appearance and Personalization**, clicking **Adjust screen resolution**.

2. Choose one of the following:
   - **Smaller - 100% (default)**. This keeps text and other items at normal size.
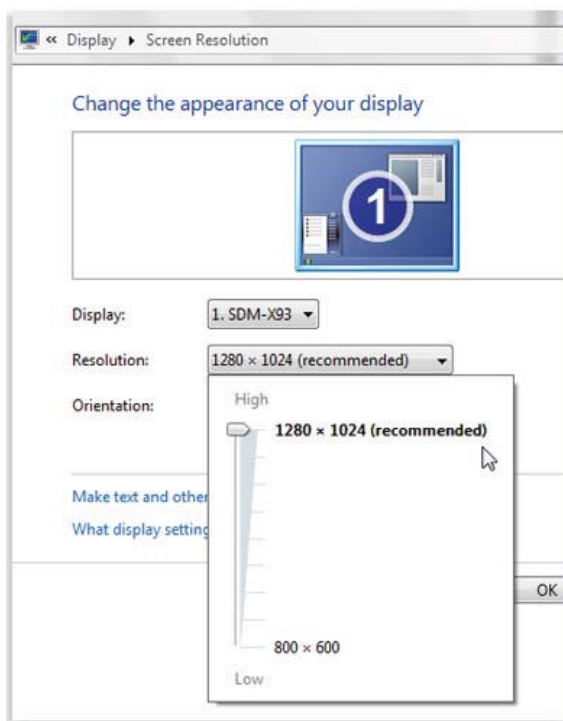   - **Medium - 125%**. This sets text and other items to 125% of normal size.
   - **Larger - 150%**. This sets text and other items to 150% of normal size. This option appears only if your monitor supports a resolution of at least 1200 x 900 pixels.
3. Click **Apply**.

To see the change, close all of your programs and then log off of Windows. This change will take effect the next time you log on.
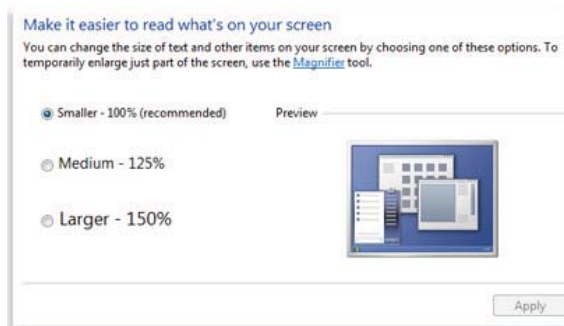
Audio Settings

Hardware Setup

This system owns 3 audio jacks on the rear side which can support up to 5.1 channel audio output.

Select Output Devices

After the speaker is connected to your system, you can setup the audio output as follows:

Step1. Right-click the volume icon on the OS taskbar and select Playback Devices.

Step2. On the pop-up Sound menu, select the output device you want and click Set Default.

Step3. Click OK or Apply and the selected device will appear a green check sign.
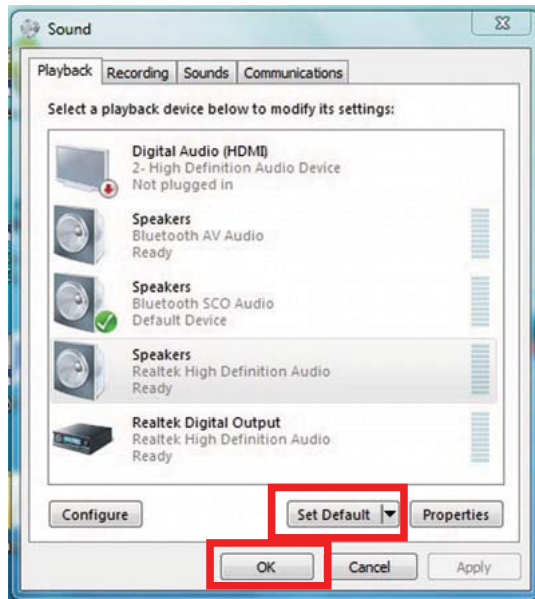
Network Settings
To connect the network, you can select wired or wireless network. Please follow the instructions below:

Step1. Right-click the network icon on the OS taskbar and select Open Network and Sharing Center.
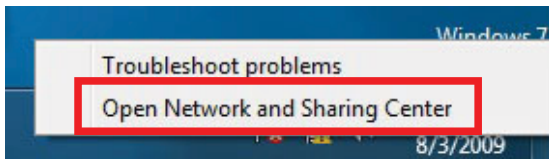
Step2. View your basic network information and set up connectors:

On the pop-up menu, select Set up a new connection or network.
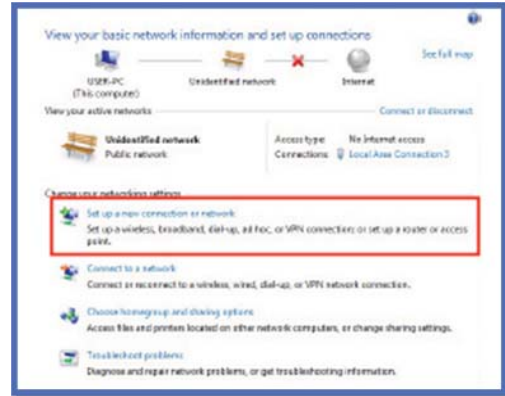
Step3. Choose a connection option:

Select "Connect to the Internet" and press"Next"
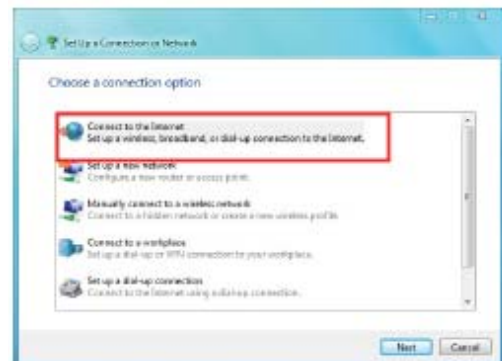
Step4. How do you want to connect?

Select from the following three network option:
- Wireless,
- Broadband (PPPoE),
` - Dial-Up.
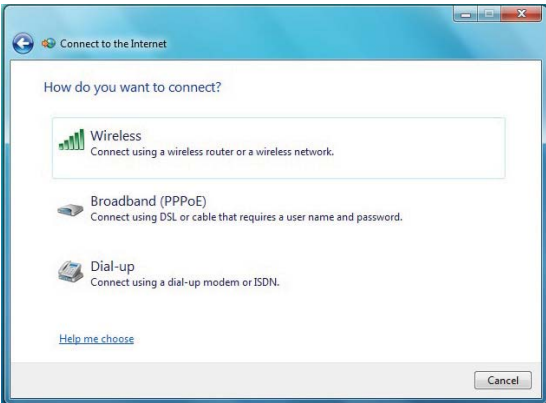
Step5.

1. When you select Wireless, the pop-up windows will show the available network, choose the one you want to connect, then enter the security key to make connection.
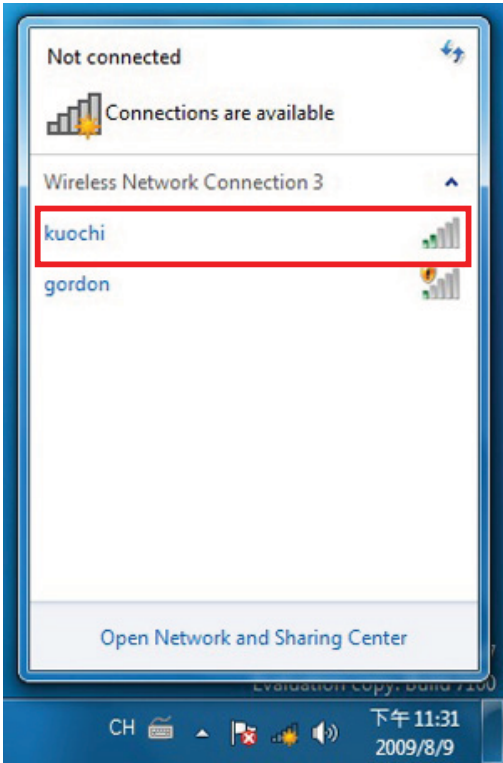
2. If you select broadband or Dial-up, the pop-up windows will ask you the input the user name, password and the data of ISP provider, enter these data to finish connection.
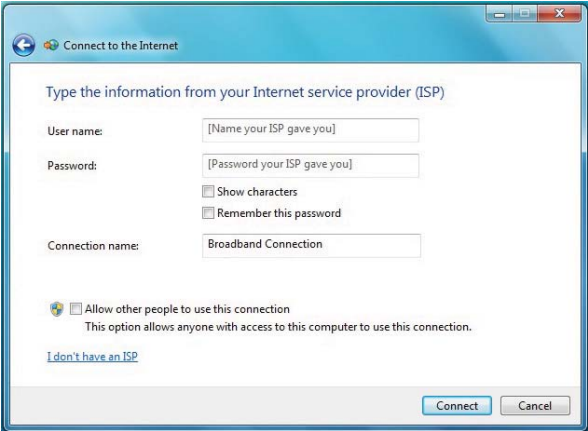
Bluetooth Settings

To connect the Bluetooth devices, you can follow the instructions below:

Step 1. Right-click the Bluetooth icon on the desktop to enable Bluetooth function

Step 2. Click on the sun in the center to search the Bluetooth devices nearby.
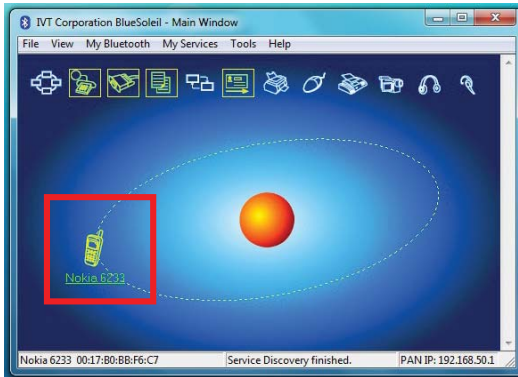
Step3. Click on the devices you want to connect to show the name of them.

Step4. Select the services you want to communicate between the system and the Bluetooth devices.

Step5. Right-click on the device you want to connect, select Connect to connect to this device

Step6. The pop-up windows will prompt you to enter the pair code of the device and the system, you can both input "1234" to pair them.
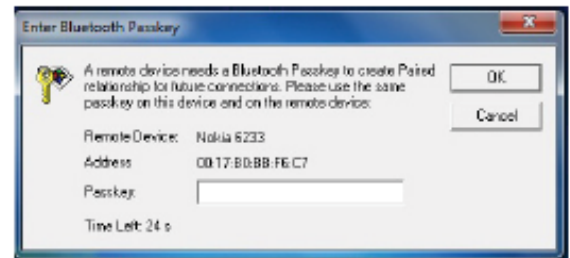
Step7. Once pair is done, the connected device will show a red check sign means the connection is working.
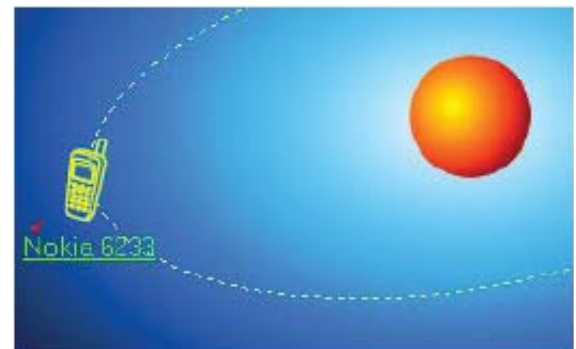
DTV Settings

If you want to watch TV programs with this system, you have to loose the screw of the TV port on the back panel, plug the TV dongle into the port, tight the screw, then connect the included antenna to the TV dongle. Your system might come with one of the two following TV dongles, one is DVB-T, the other is ATSC. DVB-T is mainly for European TV system, and the ATSC is for U.S.A. TV system.

DVB-T (EU)   ATSC (U.S.A.)
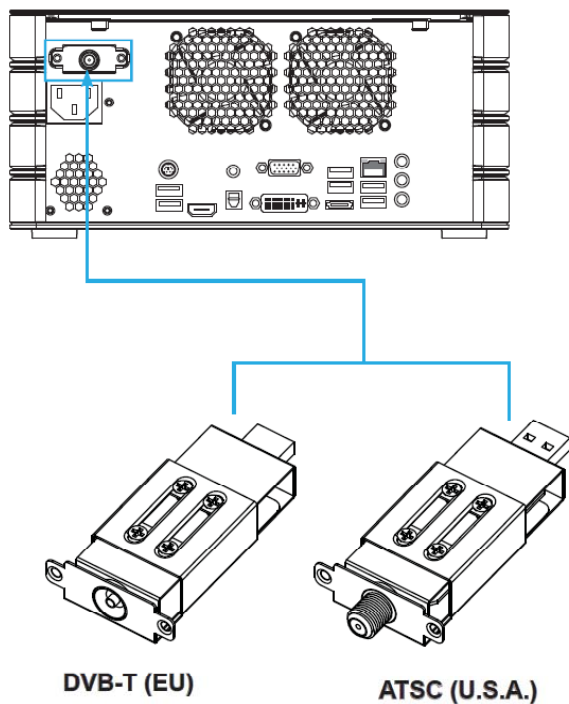
Sharing Folders

Microsoft Windows Home Server provides rich entertainment for home users. You can share your music, photos, software and videos with your family. Just enable the Shared Folders function, and all the PCs on the network will be able to access the content on the server.

Step 1. Click Start to show the menu, and then click Windows Home Server Console to pop-up the setup option.

Step 2. In the Windows Home Server Console menu, move your mouse to Shared Folders and click it to show its options. Its options include Music, Photos, Public, Software and Videos.
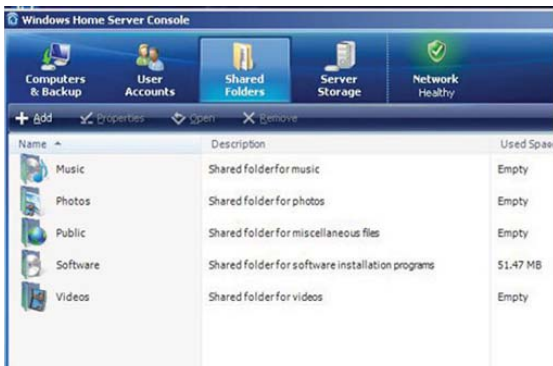
Step 3. Double-click on the item you want to share on the network like Music, and then you can setup the following options like Name, Description, and Location and Enable Folder Duplication.
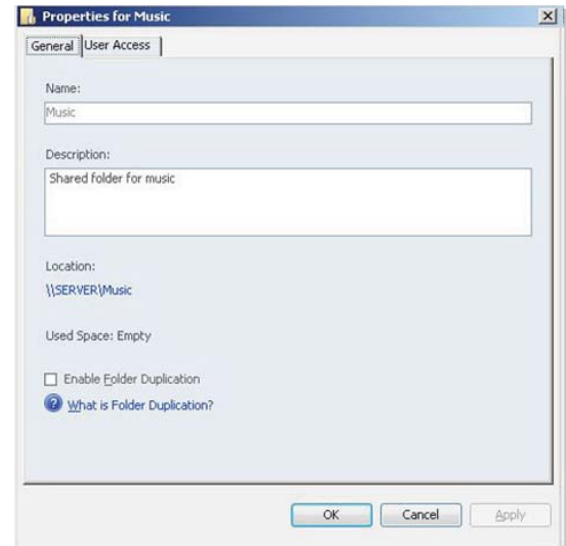
Step 4. If you want to setup the location of the shared folders, you can double-click on the original one to show the menu.
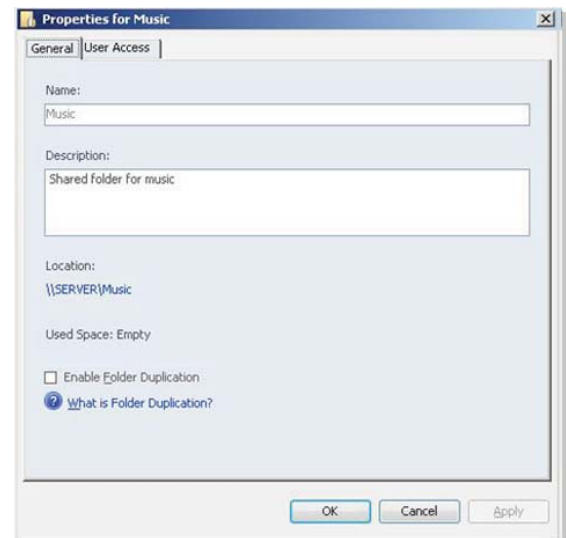
Step 5. In this menu, you can specify the folder you want to share on the network. Thus, other PCs on the network will be able to access the content in this folder.
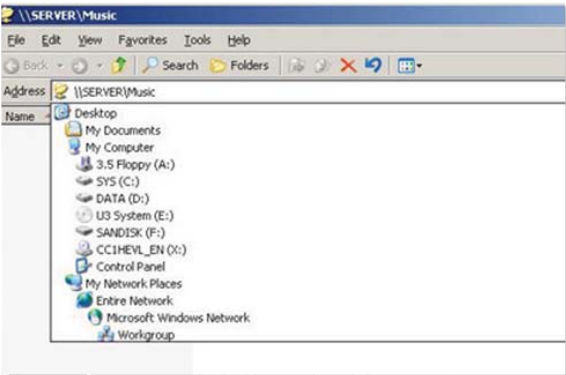
Step 6. You can click Shared Folders on Server icon on the desktop to view the status of shared folders.
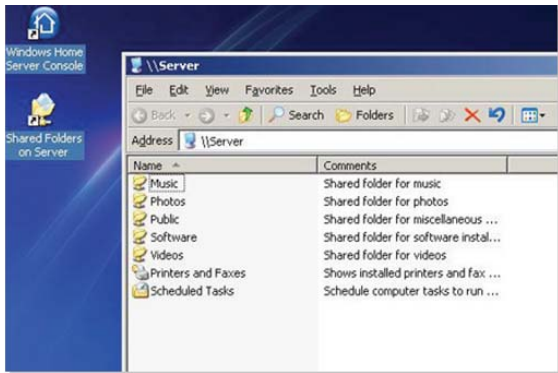
User Accounts Setup

In order to let other PCs on the network can access the sharing files on the server; you have to setup user accounts and their permission to log into the server. Please read the following description to create your user accounts.

Step 1. Windows Home Server Console menu, click User Accounts to show the pop-up menu. Click OK to proceed to the next step.
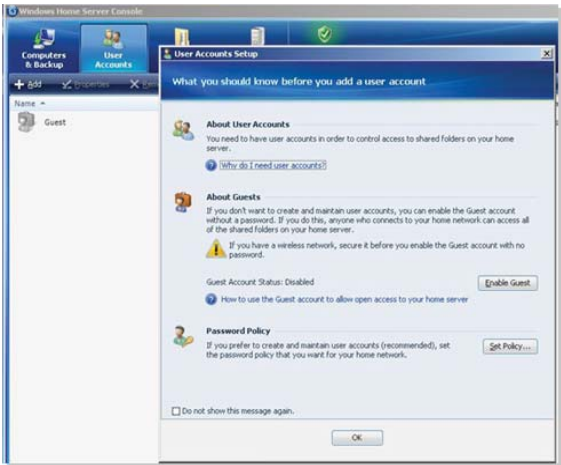
Step 2. Click + Add to create user accounts for sharing purpose.

Step 3. In the Add User Account menu, Input the First name, Last name and Logon name. If you want to allow this account to do remote access, you can check Enable Remote Access for this user.
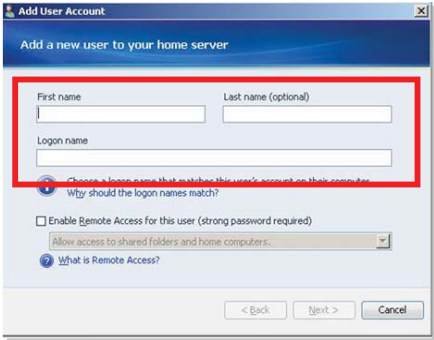
Step 4. Input password in Password and Confirm password column.

Step 5. The password needs to be 5 characters at least to pass the check. Click Next to proceed to next step.

Step 6. You can set access permission to shared folders in this menu. The permission includes Full, Read and None. When setup is done, press Finish to complete settings.

Step7. In this menu, all information about this new user account is showed up. Press Done to exit this wizard.

Step8. The new user account will show up in the User's Accounts' menu.

About Windows Update

Windows Update is another application that has been redesigned in Windows 7. Now it is a stand-alone application instead of a web based.

The new Windows Update is easier to use copared to its predecessor.

Step1. Open the Windows 7 control panel from Start Menu.

Step2. Select "System and Security"
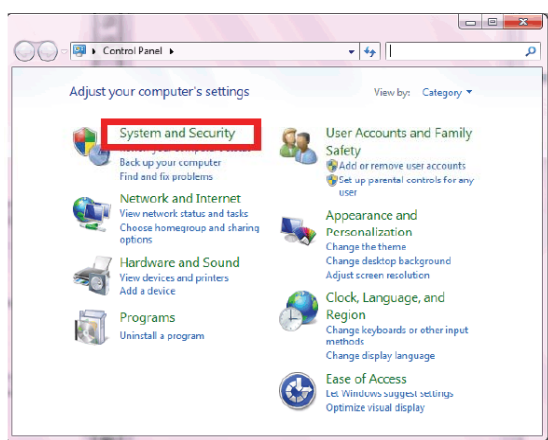
Step3. Select "Windows Update"
When you start Windows Update it will show you if there are any available updates. If no updates are being reported as available, then you can do a manual check by clicking on the Check for updates link. Windows Update will make a quick check and show you a summary of its findings.
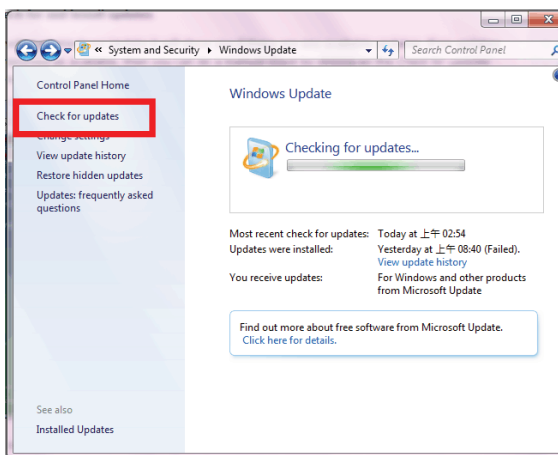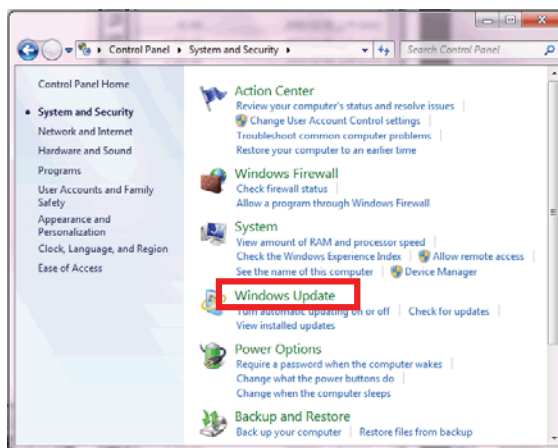
This will install all the important updates but not the recommended or optional ones. To also install some (if not all) of the optional updates you will need to click on the available optional updates link.
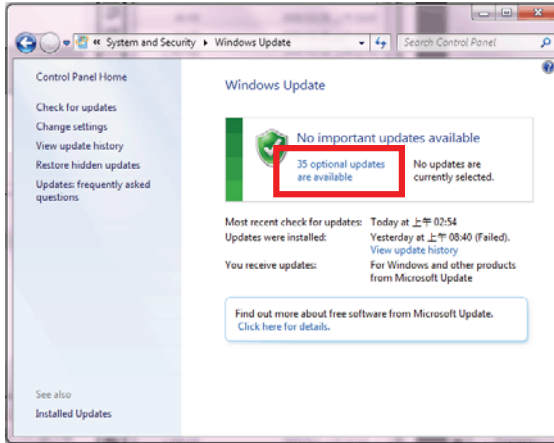
As you can see in the screenshot below, Windows Update will split all available updates by categories. You can also see the size of each update and the information when it was published.

When choosing the updates you want to install, you should always select the important and recommended ones as they usually solve critical problems/vulnerabilities.
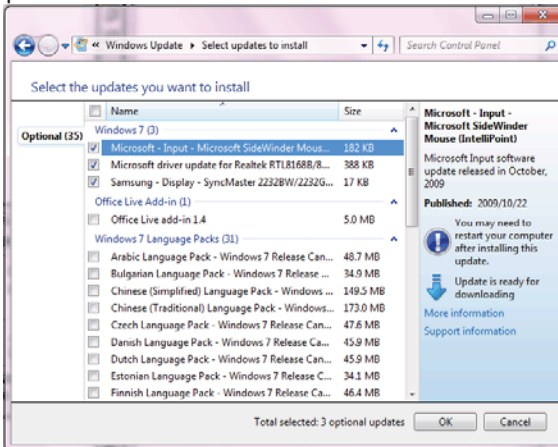
IIf you don't want to install an update and you don't want it to be reported by future checks, right click on it and select Hide update. That update will disappear from the list and it will never be installed on your PC.
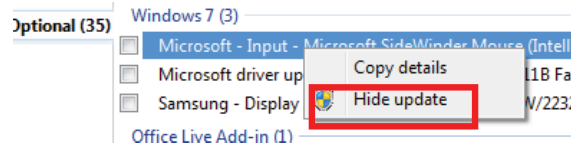
After you have selected all the updates that you want to install, click on the Install button.
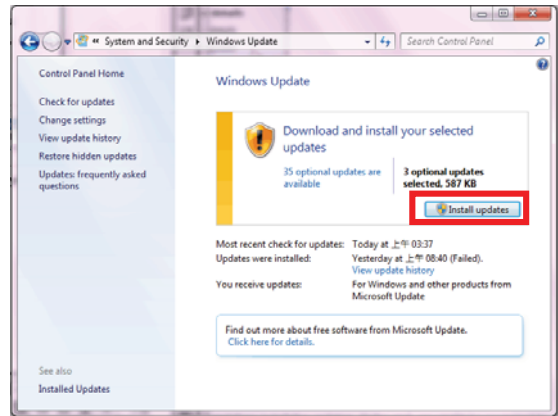
Windows Update will download and then install the updates. At the end, you might be prompted to restart your computer. Close all the important applications or documents you have open and then restart your computer. At the next log-in, Windows Update will inform you that all updates were installed successfully.

Specifications

Processor
HDHomeS4: AMD 4200

Chipset
N: AMD 780G; S: AMD SB700

Video Graphics
ATI Radeon HD 4200

Memory Slot(s)
2 x 240pin DIMMs slots, support DDR2 667/800

Memory Capacity
HDHomeS4: 2 x 2GB DDR2 800 installed
              (up to 8GB)

Graphic Chipset
ATI 3200

HDD Cage Capacity
Hotswap 4 x 2.5" HDD Cage

Default Install HDD
1 x 500GB SATAII HDD, 5400r.p.m.

Optical Drive(s)
Slot-in Blu-ray Drive

Card Reader
4-in-1 (SM/ SD/ MMC/ MS/ MS Pro/ xD/ CF type I &
type II/ MD)

Audio Chipset
Realtek ALC 662, support 5.1 channels HD audio
codec

Communication
  (1)   802.11 b/g/n   (2)   Bluetooth v2.0

  High-Spped USB 2.0 x 6
  Headphone Jack (mini stereo)
  Microphone Input (mini stereo)
  Display: VGA, DVI, HDMI
  Card reader: All in one
  AC-INx 1
  D-Sub x 1
  S/PDIF optical output x 1 (with Line-in)
  Stereo L-R Line-out Jack (mini stereo) x 1
  eSATA 3Gb/s x 1
  RJ-45 x 2
  Stereo L-R Line Out
  Microphone Input x 1

Power Requirements
AC Input: 100~240V, 50~60Hz, 1.5~3.5A
Power Consumption: 100V/240V, 250W

Dimensions (approx.)
280 mm(L) x 200mm (W) x 130mm (H)

Weight (approx.)
5.8kgs (total package/one box)

Operating Temperature: 0~38°C
Operating Humidity: 60~80%

* Specifications add designs are subject to change without notice.

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• Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, unauthorized repair or other cause not within our control.
• Damage occurring to product during shipping when improperly packaged or cost associated with packaging.
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Please record below the model and serial numbers found on the product.

MODEL #   Mvix HDHomeS4

SERIAL #   AS-HE1301B00020P010

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